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Applicant Initiated Interview Request Form First Named Applicant, Gary H. Newman Application No.: 10/627,191 Status of Application: Non-Final Examiner: Michael Pham Art I Init-Tentative Participants: (1) Examiner Michael Pham. (2) Primary Examicus John Cutlingham (3) Kita M. Rooney, Altomey for Applicant AM/PM Proposed Date of Interview: _ Proposed Time: Type of Interview Requested: (1) / Telephonic (2) Personal (5) Video Conference □ vrs ✓ No Rybibit To Be Shown or Demonstrated: If yes, provide brief description: Issues To Be Discussed Claims/ Prior Not Agreed Isaues Art (Rej., Obj., etc) Fig. #s (1) Problem to be (2) Applicant's (3) Prior Art Amendments (4) Claim Continuation Sheet Attached Brief Description of Argument to be Presented: As per the strached proceed claim set, Applicant respectfully submits that the profile group managing server performs steps that are not shown in the prior art references such as primary and secondary grouping for computer profile date between and including ranges.

An interview was conducted on the above-identified application on NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview

(see MPEP § 713.01). This application will not be detayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Applicant Applicant's Representative Signishure Rita M. Rodney Typed/Printed Name of Applicant of Representative Reg No. 30,585

Exeminer/SPE Signature

seem to Bengrier, Including patienting, properties, and exhaulting the beneated of time you require to complete this form tradic supportions to control of Competers, P.O. Too 1457, Alexandro, VA 22113-1459. DO NO 459, Alexandri, VA 22113-1450.

Interview Agends U.S. Patent Application Serial No. 10/627,191

Proposed Amendments to Independent Claims:

originating affairs of any	
computers, for inclusion in the database, computer profile data from a plurality of computers	Þζ
D. receiving, at said group profile managing server, from each computer in the set of	23
Spaudisse are	77
identifies the groups to which the computers that satisfy the primary and secondary criteria	12
C. further including specifying, in the respective table records, information that	07
os moso barticular compuesas	61
ome Vitimbi vioupinu soniogot airoitis gaiquong ymbacococ biae ban airsino gaiquong ymaning	81
between selected high and low values, inclusive; and wherein cornin specific values for one	41
the primary grouping orients and the secondary grouping effects being ranges that extend	91
criteria and the secondary grouping criteria with the values associated with cither or both of	SI
corresponding to the selected computer profile data that are utilized in the primary grouping	ÞI
secondary grouping criteria, and including in those fields, in respective table records, values	٤١
database, one or more fields for the primary grouping criteries and one or more fields for the	71
B. including specifying in a group inspens table in the computer information	11
more of hardware and software configuration and performance data;	01
selected computer profile data, for each computer, said computer, profile data including one o	6
toor person or primary grouping enteria and secondary grouping enteria that correspond to	8
of groups for the a set of computers, in which each node is a group level, and a top level is a	L
A. determining, by said group profile managing server, a multiple node tree structure	9
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group profile manacing server for manacing a computer information database countrising th	٤
contains computer profile data for computers, the method including A method of operating a	Z

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server performs the following:

\$7.

grouping criteria are ranges between selected high and low values and wherein certain	01
data and the selected values of one or both of the primary grouping criteria and the secondary	6
secondary grouping criteria that correspond to respective values of selected computer profile	8
a top level is a root, in accordance with user-specified primary grouping criteria and	L
that are nodes of a multiple node tree in the database in which each node is a group level, and	9
grouping, by said group profile managing server, the phuality of computers in groups	ş
providing a dambase that contains computer profile dam for a plurality of computers;	t
of computers, including the cups of: comprising:	ε
managing a computer information database that consputer profile data for a plurality.	7
12. (Currently Amended) A method of operating a group profile managing server for	Ţ
compulers that are in the selected group level or below in the tree.	57
selected group lovel, reports that contain summaries of certain or all of the attributes of the	₩
F. manipulating the computer profile data from the database and producing, for a	£43
pur (paunya)	77
record that is in a second predetermined position in the order in which the records are	l>
secondary low values in the records, assigning the computer to the group that is named in the	01
Eithe query results in multiplic records shed there are no our high the	Gε
predetermined position in the order in which the records are returned, or	38
values, assigning the computer to the group that is named in the record that is in a first	Ľ٤
it the query results in multiple table records that include secondary low	9€
,brocor and in the record,	32
if the query results in one table record, assigning the computer to the group	₽8
if the query results in no records, assigning the computer to a default group,	55
bins	32
primary grouping fields and the secondary grouping fields in any of the records in the table,	18
correspond to or fall within the ranges of the respective values that are included in the	30
querying the group mapping table to determine if the extracted profile data	67
and the secondary groupings,	87

LZ

extracting the solected profile data that are utilized in the primary groupings

information-in appropriate fields of records in the dambase in computer storage media;	13
C. the profile group meneger maintaining the computer profile data and the group	02
4: que ses laciestria gait clas em esta par en la company se que de company e e transfera e e transfera e e tr	61
particular computers, wherein said groupings in said muliple node tree reflect at least one of	8
grouping criteria and said secondary grouping criteria together uniquely identify one or more	L
those that are greater than the low value, and wherein certain specific values for said primary	9
and low values, wherein said associated values are those that are less than the high value and	۶
criteria and the secondary grouping eniteria being ranges that extend between selected high	Þ
computer profile data with the values associated with either or both of the primary grouping	٤
primary and secondary grouping enturia that correspond to respective values of selected	7
database in which each node of the tree is a group level, and a top level is a root, based on	I
grouping the computers into a specified tree-structure of groups in the	0
B. a profile-group manager maning on an accordance computer for	6
seibem egenote ratuqmee ni boninto ci doisto enedetab orb em	8
A, collocting, at the group profile managing server, profile data for a given computer	L
	9
emean-gribeeliee annicarizati filiw beammargorq reves galgaman quorg siliorq sA.	S
computer profile data contained in a detabase, the system including comprising:	Þ
unitarial desired to encure the contraction of entire to encure of	ε
assats a gringenem rei es berug dince musicale mediabes reingenes A. "Taviss gringenem	7
20. (Currently Amended) Computer executable instructions running on a group profile	Ţ
	L
of the computers that are included in a given group level to below in the tree.	9
	ς
selected group levels, profile reports that contain summaries of certain or all of the aturbates	
manipulating the database computer profile data and producing, for one or more selected group jovels, profile reports that committee and producing, for one or more	t
	۶ د
manipulating the database computer profile data and producing, for one or more	
elicting ranges for one or more of the grans and producing, for one or more	٤

computer storage media.

first peragraph, as failing to comply with the written desorbyton requirement. The Examines consends the Claim 20 contains subject menter which was not described in the 5 postilisation in such a way as to reasonably convey to one shilled in the relevant art has the incomind(s), at the this incomind in the spoilershon was falled, had possession of the olimined investion. More apositionally in the Evaminer inclinates that Claim 20 rectines a comparter variable medium and computer variables in the Evaminer town of the comparter contains and the comparter of the comparter of the comparter of the Evaminer contains a such that the specification does not define what the comparter reachable medium computers or what applicant intends to claim as a

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application has been amended in a sincere effort to place it in condition for allowance.

At 12, 3.U.S.U. 25 U.S.U. 25 U.S.U. § 112,

The Office Action dated February 19, 2009, has been reviewed carefully and the

BEWARKS

Souley to account onlibrillaries retruits orientous verbacces solving	
which corresponds to primary grouping criteria and secondary grouping criteria, said primary	01
how to include a computer in a group by extracting from uploaded profile data, that data	6
match field, and a group path field, wherein said group profile managing sorver determines	8
three fields including a primary profile value to match field, a secondary profile value to	L

- tessi in guivani aldet ganqqam a sitive benegitinos esedatab noticornomi tenquos a
- a set of computers, each computer being comfigured with a offent profile software

 a module that maintains profile data for that computer, and uploads computer profile data to
 - 2 a group profile managing server configured to retrieve computer profile data;
 - X2. (New) A system for managing computer profile data, comprising:
 - 5. providing the reports to a user.

said group profile managing scryer; and

D. manipulating the data in the database to produce reports that ammuniar the true; and the levels below on the tree; and stributes of the computers in a given group level and the levels below on the tree; and

Applicant has addressed this rejection by amending Claim 30 to recite that the

computer concretable instructions are number on a group profile managing server. The group profile managing server. The group profile and it is expressly provided that: "the cerver is the computer content of the denotard in the denying by that: "the cerver of the group profile and the computer or the profile of the computer or the computer. Textbarmore, which is denotared that the software could also be described as computer sorted by in the space. The denibose is a modifium it struct as being configured as a database management system. The denibose is a so well described in the Specification, for computer, system, The denibose is a so well described in the Specification, for computer information denibose IS fairs only the profile also for outputs of the profile and my other computers (not shown) that are under one opening as computer information densibose IS fairs only the profile also for the computer or the internet 16 and my other computers (not shown) that are under one opening as a contract of in the profile and any other computers (not shown) that are under insurance on the internet 16 and my other computers (not shown) that are under insurance on the internet of a database IS that computer executable insurance on the internet of a database of Claim 20 "Computer executable insurance of the internet of a database of the present of Claim 20 "Computer executable insurance of the internet of 2 U.S.C. §12.5. (They internet of the internet of 3 U.S.C. §12.5. (They internet be a database in the computer of compiles with the written description requirement of 35 U.S.C. §12.5. (They have a succeeded compiles with the written description requirement of 35 U.S.C. §12.5. (They have a succeeded compiles with the written description requirement of 35 U.S.C. §12.5. (They have a succeeded compiles with the succeeded compiles with the succeeding the succeeded compiles of the succeeded compiles with the succeeded compiles of the succeeded compiles with the succeeded compiles.

Claim Rejections - 35 U.S.C.§101

At Paragraph 7 of the Office Action, Claims 1-19 were rejected under 35 U.S.C. §101

and he basis that the schimed invention is directed to non-statuony subject metter.

Independent claim I has been uncounded to rectice. "A mention of operating a group profile
managing sorver for managing a computer information database, comprising...." The group
yorlife managing sorver for any purpose supplies that managing not rectionable to the propose of the p

.(Emphasis added).....enspurgmoo

group profile managing server, a multiple node free structure of groups for a set of

It is believed that these amendments clarify that the invention is nod to another

Federal Circuit in In re Bilaki, 545 F.3d 943, 88 U.S.P.Q.2d 1385 (Fed. Cir. 2008). with the requirements of 35 U.S.C. §101 as interpreted by the U.S. Court of Appeals for the profile managing server. It is respectfully submitted that the claims, as amended comply statutory class, namely, an apparatns, namely a specially designed machine, i.e., the group

Claim Rejections - 35 U.S.C. §103

("McCormack") further in view of U.S. Paters No. 6,098,067 to Erickson ("Frickson"). \$103(a) as boing unparentable over U.S. Patent No. 6,295,527 to McCormack et al. At Paragraph 10 of the Office Action, Claims 1-21 were rejected under 35 U.S.C.

satisfy. Col. 3, lines 2-5. Then, the system responds to a request to view that group by groups by specifying a subset of the group criteria data that logical objects in the group must 2, but it is noted that according to McConnack, user input is provided that defines one of the information collections. McCommack teaches the Device Group Table 330 as shown in Fig. In contrast, McCormack describes a real-time user defined creation of network device

retrieving the group criteria from the database. Col 3, lines 6-8.

managing server 14. (See also, Fig. 1 of Applicant's Specification). In Applicant's claimed involved in this step as in McComack. Instead, the step is performed by the group profile server, for inclusion in the database, computer profile date. The user does not need to be In contrast, Applicant's invention involves receiving, at the profile group managing

Furthermore, as noted before, the Applicant's primary and socondary grouping The user does not have to be involved in this section. entered into he database according to for example, the primary and secondary groupings, invention, the computer profile data is dynamically extracted from given computers and

the passage expressly states that the system uses Boolean operators which would retrieve Examiner from McCormack does not teach a "range" such as Applicant provides. Instead, criteria can involve a range. Applicant respectfully submits that the passage cited by the

the filter values. In particular, when multiple filter values are selected from the values causes the database query to be assembled using Boolean values to relate using a regular grammar can be used. Preferably, solection of multiple filter interpret, and respond to SQL queries. Alternatively, any selection mechanism Query Language (SQL) and the database is a database server that can receive, In this embodiment, the query preferably is a statement in the Structured individually items that satisfy the Boolean requirements. Specifically, McCormack states:

7500 are selected, and IOS Versions 10.3 and 11.1 also are selected, the filter 7500 type devices. As a second example, when Device Type values 7300 and selection as requesting information about all network devices that are 7300 or user from the filter dialog 210, the filter mechanism 126 interprets the user's For example, if Device Type values 7300 and 7500 are both selected by a logical AND. same column of the filter dialog 210, they are related in the database query using a

Lill to E01 moistor remaine 801 mm that has 6027 to 6057 octy out tach mechanism 126 interprets the selections as requesting information about devices

the high values and those that are greater than the low value.... selected high and low values, wherein said associated values are those that are less than grouping criteria and the secondary grouping criteria being ranges that extend between inclusive...." Claim 20 recites: "the values associated with cither or both of the primary secondary grouping criteria being ranges that extend between selected high and low values, recites: "the values associated with either or both of the primary grouping criteria and the which it has over the cired references, Applicant has amended Claims I and 20. Claim 1 upper and lower limit. In order to enhance the claim and to further clarify the distinctions Applicant's ranges have an upper and a lower limit and include all values in between the testep a primary and secondary grouping that specify ranges and devices within such ranges.

In summary, McCormack does not teach extracting computer profile data nor does it McCormack, Col. 11, Jine 48 through Col. 12, Jine16. (Emphasis added)

Erickson is cited for a multiple node tree structure. However, Hrickson also does not

lower limit. In fact McComack teaches away from this feature of Applicant's claimed McConnack is silent on such ranges that include the values between the upper and

invention because of its teaching of a preferred Boolean query.

PAGE 10/10 * RCVD AT 5/22/2009 1:41:19 PM [Eastern Daylight Time] * SVR:USPTO-EFX8F4:39 * DNS:2733924 * CSID: * DURATION (mm-ss):03-26 * 6002 - 22 - 3 VM

discuss ranges. Therefore, in the absence of this reaching from either of the references taken alone or in combination, it is respectfully submitted that the combination does not disclose.

teach or render obvious Applicant's claimed invention.